

# Utah Occupational Projections 2006-2016

SOC Code	Occupation	Stars	Employment Estimates		Average Annual Growth Rate	Annual Openings			Hourly Wages		Training Level
			2006	2016		Growth	Replacements	Total	Inexperienced	Median	
	<b>Total, All Occupations</b>		<b>1,411,090</b>	<b>1,807,700</b>	<b>2.8%</b>	<b>39,920</b>	<b>31,050</b>	<b>70,970</b>			
<b>11-0000</b>	<b>Management Occupations</b>		<b>81,480</b>	<b>98,810</b>	<b>2.1%</b>	<b>1,790</b>	<b>1,630</b>	<b>3,420</b>			
<b>11-1000</b>	<b>Top Executives</b>		<b>19,360</b>	<b>22,470</b>	<b>1.6%</b>	<b>310</b>	<b>480</b>	<b>790</b>			
11-1011	Chief Executives	5	3,360	3,930	1.7%	60	90	150	\$39.10		Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	5	15,410	17,880	1.6%	250	370	620	\$21.20	\$35.50	Bachelor's or higher degree, plus work experience
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</b>		<b>4,530</b>	<b>5,830</b>	<b>2.9%</b>	<b>130</b>	<b>100</b>	<b>230</b>			
11-2021	Marketing Managers	5	1,070	1,410	3.1%	30	20	60	\$23.50	\$38.50	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	5	2,800	3,600	2.9%	80	60	140	\$25.90	\$41.60	Bachelor's or higher degree, plus work experience
<b>11-3000</b>	<b>Operations Specialties Managers</b>		<b>11,740</b>	<b>14,720</b>	<b>2.5%</b>	<b>300</b>	<b>250</b>	<b>550</b>			
11-3011	Administrative Services Managers	5	1,580	1,980	2.5%	40	40	80	\$21.70	\$30.50	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	5	2,090	2,770	3.2%	70	30	100	\$31.00	\$43.40	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	5	4,070	5,040	2.4%	100	60	160	\$27.80	\$39.40	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	2	370	470	2.6%	10	10	20	\$26.20	\$38.00	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	5	1,430	1,760	2.3%	30	50	80	\$26.60	\$37.50	Work experience in a related occupation
<b>11-9000</b>	<b>Other Management Occupations</b>		<b>45,850</b>	<b>55,800</b>	<b>2.2%</b>	<b>1,050</b>	<b>800</b>	<b>1,850</b>			
11-9021	Construction Managers	5	8,200	11,450	4.0%	320	130	450	\$21.10	\$33.60	Bachelor's degree
11-9041	Engineering Managers	5	1,460	1,890	2.9%	40	30	70	\$35.10	\$48.40	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	5	3,150	4,030	2.8%	90	70	160	\$16.00	\$22.50	Work experience in a related occupation
11-9111	Medical and Health Services Managers	5	2470	3190	0.029126214	70	50	120	26.2	35.5	Bachelor's or higher degree, plus work experience
13-0000	Business and Financial Operations Occupations		59480	76470	0.028553176	1700	1010	2710			
<b>13-1000</b>	<b>Business Operations Specialists</b>		<b>31,410</b>	<b>40,850</b>	<b>3.0%</b>	<b>950</b>	<b>540</b>	<b>1,490</b>			
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	5	3,120	3,710	1.9%	60	70	130	\$15.70	\$22.80	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	5	1,450	1,860	2.8%	40	40	80	\$18.20	\$26.30	Long-term on-the-job training
13-1111	Management Analysts	5	3,810	4,810	2.6%	100	70	170	\$20.20	\$30.10	Bachelor's or higher degree, plus work experience
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>		<b>35,040</b>	<b>48,650</b>	<b>3.9%</b>	<b>1,360</b>	<b>760</b>	<b>2,120</b>			
<b>15-1000</b>	<b>Computer Specialists</b>		<b>34,230</b>	<b>47,670</b>	<b>3.9%</b>	<b>1,340</b>	<b>740</b>	<b>2,090</b>			
15-1021	Computer Programmers	5	6,740	7,220	0.7%	50	140	190	\$21.00	\$32.30	Bachelor's degree
15-1031	Computer Software Engineers, Applications	5	4,030	6,900	7.1%	290	60	350	\$24.40	\$36.80	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	5	5,620	8,430	5.0%	280	80	360	\$26.00	\$37.60	Bachelor's degree
15-1051	Computer Systems Analysts	5	2,960	4,320	4.6%	140	80	210	\$21.30	\$30.90	Bachelor's degree
15-1061	Database Administrators	5	780	1,160	4.8%	40	10	50	\$19.30	\$32.10	Bachelor's degree
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>		<b>24,150</b>	<b>31,910</b>	<b>3.2%</b>	<b>780</b>	<b>560</b>	<b>1,340</b>			
<b>17-1000</b>	<b>Architects, Surveyors, and Cartographers</b>		<b>2,340</b>	<b>3,150</b>	<b>3.5%</b>	<b>80</b>	<b>50</b>	<b>140</b>			
17-1011	Architects, Except Landscape and Naval	5	1,310	1,760	3.5%	50	30	70	\$27.60	\$34.20	Bachelor's degree
<b>17-2000</b>	<b>Engineers</b>		<b>13,460</b>	<b>17,950</b>	<b>3.3%</b>	<b>450</b>	<b>320</b>	<b>770</b>			
17-2031	Biomedical Engineers	5	550	860	5.6%	30	10	40	\$24.40	\$37.30	Bachelor's degree
17-2051	Civil Engineers	5	2,470	3,370	3.6%	90	70	160	\$21.30	\$29.90	Bachelor's degree
17-2112	Industrial Engineers	5	1,950	2,910	4.9%	100	50	140	\$25.30	\$34.10	Bachelor's degree
17-2141	Mechanical Engineers	5	2,580	3,370	3.1%	80	60	140	\$26.30	\$35.20	Bachelor's degree
<b>17-3000</b>	<b>Drafters, Engineering, and Mapping Technicians</b>		<b>8,360</b>	<b>10,820</b>	<b>2.9%</b>	<b>250</b>	<b>190</b>	<b>430</b>			
17-3026	Industrial Engineering Technicians	5	720	980	3.6%	30	10	40	\$16.90	\$25.50	Associate degree
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>		<b>15,730</b>	<b>20,570</b>	<b>3.1%</b>	<b>480</b>	<b>380</b>	<b>870</b>			
<b>19-2000</b>	<b>Physical Scientists</b>		<b>2,320</b>	<b>3,090</b>	<b>3.3%</b>	<b>80</b>	<b>60</b>	<b>140</b>			
19-2041	Environmental Scientists and Specialists, Including Health	5	640	910	4.2%	30	20	40	\$20.20	\$30.80	Master's degree
<b>19-4000</b>	<b>Life, Physical, and Social Science Technicians</b>		<b>4,710</b>	<b>6,060</b>	<b>2.9%</b>	<b>140</b>	<b>160</b>	<b>290</b>			
19-4091	Environmental Science and Protection Technicians, Including Health	5	230	330	4.4%	10	10	20	\$15.40	\$20.40	Associate degree
<b>23-0000</b>	<b>Legal Occupations</b>		<b>9,400</b>	<b>11,940</b>	<b>2.7%</b>	<b>250</b>	<b>170</b>	<b>420</b>			
<b>23-2000</b>	<b>Legal Support Workers</b>		<b>2,850</b>	<b>3,560</b>	<b>2.5%</b>	<b>70</b>	<b>40</b>	<b>110</b>			
23-2011	Paralegals and Legal Assistants	5	1,200	1,690	4.1%	50	20	70	\$14.80	\$20.30	Associate degree

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<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>		<b>77,140</b>	<b>100,860</b>	<b>3.1%</b>	<b>2,370</b>	<b>1,420</b>	<b>3,790</b>			
<b>25-1000</b>	<b>Postsecondary Teachers</b>		<b>16,960</b>	<b>23,390</b>	<b>3.8%</b>	<b>640</b>	<b>280</b>	<b>930</b>			
25-1032	Engineering Teachers, Postsecondary	5	1,040	1,440	3.8%	40	20	60	\$58,700 *	\$90,610	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	5	2,310	3,190	3.8%	90	40	130	\$52,210 *	\$112,110	Master's degree
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>		<b>55,150</b>	<b>75,400</b>	<b>3.7%</b>	<b>2,030</b>	<b>1,060</b>	<b>3,080</b>			
<b>29-1000</b>	<b>Health Diagnosing and Treating Practitioners</b>		<b>34,390</b>	<b>47,540</b>	<b>3.8%</b>	<b>1,320</b>	<b>590</b>	<b>1,900</b>			
29-1021	Dentists, General	5	2,350	3,080	3.1%	70	50	120	\$31.30	\$55.10	First professional degree
29-1051	Pharmacists	5	1,830	2,580	4.1%	80	30	110	\$42.10	\$48.90	First professional degree
29-1062	Family and General Practitioners	5	1,160	1,510	3.1%	40	20	60	\$45.70	\$0.00	First professional degree
29-1071	Physician Assistants	5	640	980	5.3%	30	10	40	\$30.70	\$40.20	Master's degree
29-1111	Registered Nurses	5	17,120	24,090	4.1%	700	280	980	\$21.30	\$26.40	Associate degree
29-1123	Physical Therapists	5	1,140	1,700	4.8%	60	10	70	\$25.00	\$31.40	Master's degree
29-1126	Respiratory Therapists	5	670	920	3.8%	30	10	40	\$19.90	\$25.10	Associate degree
<b>29-2000</b>	<b>Health Technologists and Technicians</b>		<b>19,680</b>	<b>26,480</b>	<b>3.5%</b>	<b>680</b>	<b>450</b>	<b>1,130</b>			
29-2021	Dental Hygienists	5	1,380	2,110	5.3%	70	30	100	\$22.00	\$30.70	Associate degree
29-2031	Cardiovascular Technologists and Technicians	5	270	370	3.8%	10	0	10	\$11.30	\$21.50	Associate degree
29-2052	Pharmacy Technicians	5	2,330	3,580	5.4%	130	70	200	\$11.70	\$14.10	Moderate-term on-the-job training
<b>31-0000</b>	<b>Healthcare Support Occupations</b>		<b>27,610</b>	<b>40,780</b>	<b>4.8%</b>	<b>1,320</b>	<b>320</b>	<b>1,630</b>			
<b>31-2000</b>	<b>Occupational and Physical Therapist Assistants and Aides</b>		<b>1,180</b>	<b>1,780</b>	<b>5.1%</b>	<b>60</b>	<b>20</b>	<b>80</b>			
31-2011	Occupational Therapist Assistants	5	150	210	4.8%	10	0	10	\$17.00	\$21.00	Associate degree
<b>33-0000</b>	<b>Protective Service Occupations</b>		<b>19,340</b>	<b>24,260</b>	<b>2.5%</b>	<b>490</b>	<b>580</b>	<b>1,070</b>			
<b>33-3000</b>	<b>Law Enforcement Workers</b>		<b>6,790</b>	<b>8,430</b>	<b>2.4%</b>	<b>160</b>	<b>170</b>	<b>330</b>			
33-3012	Correctional Officers and Jailers	5	2,210	2,840	2.9%	60	50	110	\$13.60	\$17.40	Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>		<b>163,840</b>	<b>205,010</b>	<b>2.5%</b>	<b>4,120</b>	<b>4,800</b>	<b>8,920</b>			
<b>41-1000</b>	<b>Supervisors, Sales Workers</b>		<b>24,350</b>	<b>30,380</b>	<b>2.5%</b>	<b>600</b>	<b>470</b>	<b>1,070</b>			
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	5	6,010	7,410	2.3%	140	90	230	\$17.00	\$26.50	Work experience in a related occupation
<b>41-3000</b>	<b>Sales Representatives, Services</b>		<b>14,840</b>	<b>19,730</b>	<b>3.3%</b>	<b>490</b>	<b>330</b>	<b>810</b>			
41-3011	Advertising Sales Agents	5	1,200	1,680	4.0%	50	20	70	\$12.50	\$19.30	Moderate-term on-the-job training
<b>41-4000</b>	<b>Sales Representatives, Wholesale and Manufacturing</b>		<b>22,460</b>	<b>29,180</b>	<b>3.0%</b>	<b>670</b>	<b>500</b>	<b>1,170</b>			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	5	5,600	7,500	3.4%	190	120	310	\$17.50	\$30.00	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5	16,860	21,680	2.9%	480	370	850	\$14.40	\$23.40	Work experience in a related occupation
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>		<b>234,950</b>	<b>290,430</b>	<b>2.4%</b>	<b>5,710</b>	<b>5,070</b>	<b>10,780</b>			
<b>43-3000</b>	<b>Financial Clerks</b>		<b>33,820</b>	<b>42,870</b>	<b>2.7%</b>	<b>910</b>	<b>690</b>	<b>1,600</b>			
43-3011	Bill and Account Collectors	5	3,830	5,070	3.2%	120	60	180	\$10.30	\$13.70	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	5	17,590	22,670	2.9%	510	280	780	\$9.80	\$13.60	Moderate-term on-the-job training
<b>43-4000</b>	<b>Information and Record Clerks</b>		<b>73,990</b>	<b>94,610</b>	<b>2.8%</b>	<b>2,190</b>	<b>1,860</b>	<b>4,050</b>			
43-4031	Court, Municipal, and License Clerks	5	1,980	2,350	1.9%	40	50	80	\$10.40	\$13.20	Short-term on-the-job training
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching, and Distributing Workers</b>		<b>32,660</b>	<b>37,890</b>	<b>1.6%</b>	<b>530</b>	<b>800</b>	<b>1,330</b>			
43-5052	Postal Service Mail Carriers	5	2,070	2,650	2.8%	60	60	120	\$18.70	\$21.50	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	5	3,620	4,500	2.4%	90	100	190	\$10.70	\$13.90	Moderate-term on-the-job training
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>		<b>120,760</b>	<b>162,090</b>	<b>3.4%</b>	<b>4,130</b>	<b>2,090</b>	<b>6,220</b>			
<b>47-1000</b>	<b>Supervisors, Construction and Extraction Workers</b>		<b>10,880</b>	<b>14,280</b>	<b>3.1%</b>	<b>340</b>	<b>150</b>	<b>490</b>			

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47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5	10,880	14,280	3.1%	340	150	490	\$18.70	\$23.70	Work experience in a related occupation
<b>47-2000</b>	<b>Construction Trades Workers</b>		<b>94,390</b>	<b>127,870</b>	<b>3.5%</b>	<b>3,350</b>	<b>1,570</b>	<b>4,920</b>			
47-2073	Operating Engineers and Other Construction Equipment Operators	5	5,910	7,720	3.1%	180	120	300	\$12.90	\$16.90	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	5	6,070	8,290	3.7%	220	80	310	\$10.40	\$16.50	Moderate-term on-the-job training
47-2111	Electricians	5	7,730	10,660	3.8%	290	200	490	\$14.20	\$20.20	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	5	7,100	10,030	4.1%	290	130	420	\$11.30	\$14.60	Moderate-term on-the-job training
47-2151	Pipelayers	5	1,000	1,320	3.2%	30	20	50	\$11.20	\$14.00	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	5	5,460	7,340	3.4%	190	110	300	\$15.00	\$21.20	Long-term on-the-job training
47-2181	Roofers	5	2,060	2,780	3.5%	70	50	120	\$12.40	\$16.60	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	5	2,610	3,350	2.8%	70	60	140	\$11.90	\$20.40	Long-term on-the-job training
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>		<b>57,780</b>	<b>74,180</b>	<b>2.8%</b>	<b>1,640</b>	<b>980</b>	<b>2,620</b>			
<b>49-1000</b>	<b>Supervisors of Installation, Maintenance, and Repair Workers</b>		<b>3,890</b>	<b>4,850</b>	<b>2.5%</b>	<b>100</b>	<b>90</b>	<b>190</b>			
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	5	3,890	4,850	2.5%	100	90	190	\$19.10	\$27.00	Work experience in a related occupation
<b>49-9000</b>	<b>Other Installation, Maintenance, and Repair Occupations</b>		<b>27,540</b>	<b>35,400</b>	<b>2.9%</b>	<b>790</b>	<b>350</b>	<b>1,140</b>			
49-9041	Industrial Machinery Mechanics	5	2,760	3,770	3.7%	100	50	150	\$15.30	\$20.70	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	5	10,850	13,460	2.4%	260	30	290	\$9.90	\$14.90	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	5	1,440	1,890	3.1%	40	50	90	\$14.60	\$25.30	Long-term on-the-job training
49-9062	Medical Equipment Repairers	5	720	1,070	4.9%	40	20	60	\$18.70	\$28.50	Associate degree
<b>51-0000</b>	<b>Production Occupations</b>		<b>99,950</b>	<b>123,840</b>	<b>2.4%</b>	<b>2,420</b>	<b>2,030</b>	<b>4,450</b>			
<b>51-1000</b>	<b>Supervisors, Production Workers</b>		<b>6,460</b>	<b>7,830</b>	<b>2.1%</b>	<b>140</b>	<b>110</b>	<b>250</b>			
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5	6,460	7,830	2.1%	140	110	250	\$14.90	\$22.30	Work experience in a related occupation
<b>51-2000</b>	<b>Assemblers and Fabricators</b>		<b>17,570</b>	<b>21,900</b>	<b>2.5%</b>	<b>440</b>	<b>350</b>	<b>790</b>			
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	5	410	600	4.6%	20	10	30	\$12.60	\$18.60	Moderate-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	5	1,910	2,580	3.6%	70	30	100	\$10.60	\$14.90	Moderate-term on-the-job training
<b>51-9000</b>	<b>Other Production Occupations</b>		<b>28,400</b>	<b>34,510</b>	<b>2.2%</b>	<b>640</b>	<b>570</b>	<b>1,200</b>			
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	5	3,740	4,350	1.6%	60	60	120	\$9.70	\$14.60	Moderate-term on-the-job training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>		<b>90,770</b>	<b>111,140</b>	<b>2.2%</b>	<b>2,040</b>	<b>2,020</b>	<b>4,060</b>			
<b>53-3000</b>	<b>Motor Vehicle Operators</b>		<b>44,650</b>	<b>56,050</b>	<b>2.6%</b>	<b>1,140</b>	<b>760</b>	<b>1,900</b>			
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5	22,580	28,460	2.6%	590	400	990	\$13.50	\$17.30	Moderate-term on-the-job training
<b>53-7000</b>	<b>Material Moving Workers</b>		<b>35,500</b>	<b>42,070</b>	<b>1.8%</b>	<b>660</b>	<b>960</b>	<b>1,610</b>			
53-7051	Industrial Truck and Tractor Operators	5	4,490	5,150	1.5%	70	110	180	\$10.30	\$13.20	Short-term on-the-job training

Source: Utah Department of Workforce Services, June 2008.